

For Eving Office use only
International Application No.
International Filing Date
Name of receiving Office and "PCT International Application"

REQUEST The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. Applicant's or agent's file reference (if desired) (12 characters maximum) 1185PCT Box No. I TITLE OF INVENTION METHOD AND DEVICE FOR OBTAINING FATTY ACID ESTERS FROM NATIVE OILS AND FATS BY MEANS OF THE ENZYMATIC SEPARATION THEREOF Box No. II APPLICANT This person is also inventor Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) Telephone No. Facsimile No. Dr. Frische GmbH Industriestrasse 13 Teleprinter No. D-63755 Alzenau Germany Applicant's registration No. with the Office State (that is, country) of nationality: State (that is, country) of residence: DE DE all designated States except the United States of America This person is applicant for the purposes of: all designated States the United States the States indicated in of America only the Supplemental Box FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Box No. III Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only Brunner, Karlheinz applicant and inventor Gutenbergallee 19 inventor only (If this check-box D-63538 Grosskrotzenburg is marked, do not fill in below.) Germany Applicant's registration No. with the Office State (that is, country) of nationality: State (that is, country) of residence: DE This person is applicant all designated all designated States except the United States of America the United States the States indicated in for the purposes of: States of America only the Supplemental Box Further applicants and/or (further) inventors are indicated on a continuation sheet. AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE Box No. IV The person identified below is hereby/has been appointed to act on behalf common agent representative of the applicant(s) before the competent International Authorities as: Name and address: (Family name followed by given name; for a legal entity, full official designation.

The address must include postal code and name of country.) Telephone No. ++49-69-71034930 Dipl.-Ing.Hans Lippert; Dipl.-Phys. Marianne Lippert Facsimile No. JUNG HML ++49-69-71034935 Emil-Claar-strasse 20 Teleprinter No. D-60322 Frankfurt Germany Agent's registration No. with the Office 07780: 81170 Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

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Sheet	Nο		4		

Continuation of Box No. III URTHER APPLICANT(S)	AND/OR (FURTHER) ENTOR(S)
If none of the following sub-boxes is used, this sheet should no	t be included in the request.
Name and address: (Family name followed by given name; for a legal enti The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	ne address indicated in this
Frische, Rainer	applicant and inventor
Schüttenhelmweg 60	inventor only (If this check-box
D-60529 Frankfurt Germany	is marked, do not fill in below.)
Comany	Applicant's registration No. with the Office
State (that is, country) of nationality: DE	State (that is, country) of residence: DE
This person is applicant for the purposes of: all designated the United States all designated the United States	d States except the United States the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal enti The address must include postal code and name of country. The country of the	ne address indicated in this
Box is the applicant's State (that is, country) of residence if no State of residence	e is indicated below.) applicant only
Ricker, Rainer	applicant and inventor
Gotenweg 8 D-63128 Dietzenbach	inventor only (If this check-box is marked, do not fill in below.)
Germany	Applicant's registration No. with the Office
	Applicant oregionation for the also enter
State (that is, country) of nationality: DE	State (that is, country) of residence: DE
This person is applicant for the purposes of: all designated States all designated the United States	d States except the United States the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal enti The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	ne address indicated in this
Kaske, Corinna	applicant and inventor
Am Friedrichsberg 29a	inventor only (If this check-box
D-63639 Flörsbachtal Germany	is marked, do not fill in below.)
Germany	Applicant's registration No. with the Office
State (that is, country) of nationality: DE	State (that is, country) of residence: DE
This person is applicant for the purposes of: all designated the United States all designated the United States	d States except tates of America The United States the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entr The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	he address indicated in this
Kilian, Dirk	X applicant and inventor
Vogelwaidstrasse 5	inventor only (If this check-box is marked, do not fill in below.)
D-63477 Maintal Germany	
Communy	Applicant's registration No. with the Office
State (that is, country) of nationality: DE	State (that is, country) of residence: DE
This person is applicant for the purposes of: all designated the United States all designated the United States	d States except the United States the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated of	on another continuation sheet.

STATES

Mark the applicable check-boxes belo

least one must be marked.

The following designations are hereby made under Rule 4.9(a):

Regional Patent

- EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- EP European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, HU Hungary, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, RO Romania, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT

of protection or treatment desired,	specify on dotted line)	
National Patent (if other kind of protectio		
AE United Arab Emirates	HR Croatia	M OM Oman
AG Antigua and Barbuda	HU Hungary	PG Papua New Guinea
AL Albania	ID Indonesia	PH Philippines
AM Armenia	IL Israel	PL Poland
AT Austria	IN India	PT Portugal
AU Australia		RO Romania
AZ Azerbaijan	JP Japan	RU Russian Federation
BA Bosnia and Herzegovina	KE Kenya	
BB Barbados	KG Kyrgyzstan	SC Seychelles
BG Bulgaria	KP Democratic People's Republic	SD Sudan
BR Brazil		
BY Belarus	KR Republic of Korea	SG Singapore
BZ Belize	KZ Kazakhstan	SK Slovakia
CA Canada	LC Saint Lucia	SL Sierra Leone
CH & LI Switzerland and Liechtenstein	LK Sri Lanka	SY Syrian Arab Republic
CN China	☑ LR Liberia	TJ Tajikistan
CO Colombia	LS Lesotho	TM Turkmenistan
CR Costa Rica	LT Lithuania	TN Tunisia
CU Cuba	LU Luxembourg	TR Turkey
CZ Czech Republic	LV Latvia	TT Trinidad and Tobago
DE Germany	MA Morocco	
DK Denmark	MD Republic of Moldova	X TZ United Republic of Tanzania
M Dominica		M UA Ukraine
DZ Algeria	MG Madagascar	■ UG Uganda
EC Ecuador	MK The former Yugoslav Republic of	US United States of America
EE Estonia	Macedonia	
ES Spain		UZ Uzbekistan
FI Finland	MWMalawi	VC Saint Vincent and the Grenadines
GB United Kingdom	MX Mexico	VN Viet Nam
GD Grenada	MZ Mozambique	XV YU Serbia and Montenegro
GE Georgia		ZA South Africa
GH Ghana	NO Names	ZM Zambia
M CM Cambia	N7. New Zealand	ZW Zimbabwe
	States which have become party to the PCT a	is except DE
Check-boxes below reserved for designating	States which have become party to the PCT a	ifter issuance of this sheet:
[<u> </u>	<u> </u>	□

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Sheet	Nο	4

Box No. VI PRIORITY	M			
The priority of the following	g earlier application(s) is here	by claimed:		
Filing date	Number	V	Where earlier application	is:
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1) November 20, 2001 (20.11.2001)	101 56 584.4	DE		
item (2) June 21, 2001 (21.06.2001)	01 115 081.0	EP		
item (3)				
item (4)				
item (5)	A / A / B / A / B / A / B / A / B / B /			
Further priority claims	are indicated in the Suppleme	ental Box.		
if the earlier application was above as: all items item * Where the earlier application was above as:	ested to prepare and transmit filed with the Office which for (1) item (2) on is an ARIPO application, in the World Trade On	the purposes of this internal item (3) item item	ational application is the r (4) item (5) v party to the Paris Conve	other, see Supplemental Box ontion for the Protection of
Choice of International Seinternational seinternational search, indicate	arching Authority (ISA) (if to the Authority chosen; the two	two or more International So-letter code may be used):	Searching Authorities are	competent to carry out the
ISA /				
International Searching Auth Date (day/month/year) 20 111 2001	DEA A	oer S84 Coun	earch has been carried ou atry (or regional Office) E Conducted 24	
2811/1/2001 Box No. VIII DECLARA		0471.0-040		
The following declarations check-boxes below and indicate	are contained in Boxes Nos. ate in the right column the num	VIII (i) to (v) (mark the a	pplicable ation):	Number of declarations
Box No. VIII (i)	Declaration as to the identity	ty of the inventor		:
Box No. VIII (ii)	Declaration as to the applied date, to apply for and be grown		e international filing	: 1
Box No. VIII (iii)	Declaration as to the applicate, to claim the priority		he international filing	:
Box No. VIII (iv)	Declaration of inventorship United States of America)	p (only for the purposes of	f the designation of the	: 1
Box No. VIII (v)	Declaration as to non-preju	udicial disclosures or exce	ptions to lack of novelty	:



The declaration must conform to the standardized wording provided for in Section 211; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (i). If this Box is not used, this sheet should not be included in the request.

Declaration as to the identity of the inventor (Rules 4.17(i) and 51bis.1(a)(i)):

In relation to this international application:

The Dr. Frische GmbH is entitled to apply for and be granted a patent by virtue of the following:

- 1.(i): Brunner, Karlheinz, Gutenbergallee 19, D-63528 Grosskrotzenburg, Germany is inventor of the subject matter for which protection is thought by way of this international application.
 - (ii): The Dr. Frische GmbH is entitled as employer of the inventor Brunner, Karlheinz.
- 2.(i): Frische, Rainer, Schüttenhelmweg 60, D-60529 Frankfurt, Germany is inventor of the subject matter for which protection is thought by way of this international application.
 - (ii):The Dr.Frische GmbH is entitled as employer of the inventor Frische, Rainer.
- 3.(i): Ricker, Rainer, Gotenweg 8, D-63128 Dietzenbach, Germany is inventor of the subject matter for which protection is thought by way of this international application.
 - (ii):The Dr.Frische GmbH is entitled as employer of the inventor Ricker, Rainer.
- 4.(i) Kaske, Corinna, Am Friedrichsberg 29a, D-63639 Flörsbachtal, Germany is inventor of the subject matter for which protection is thought by way of this international application.
 - (ii):The Dr.Frische GmbH is entitled as employer of the inventor Kaske, Corinna.
- 5. (i) Kilian, Dirk, Vogelwaidstrasse 5, D-63477 Maintal, Germany is inventor of the subject matter for which protection is thought by way of this international application.
 - (ii):The Dr.Frische GmbH is entitled as employer of the inventor Kilian, Dirk.

These declarations under 1., 2., 3., 4. and 5. are made for the purpose of all designations except the designation of the United States of America.

This declaration is continued on the following sheet, "Continuation of Box No. VIII (i)".

Box No. VIII (iv) DECL

ION: INVENTORSHIP (only for the purposes of the

gnation of the United States of America)

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No.VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:

• • •	
I hereby declare that I believe I am the original, first and sole (if only is listed below) inventor of the subject matter which is claimed and i	one inventor is listed below) or joint (if more than one inventor for which a patent is sought.
This declaration is directed to the international application of which	
This declaration is directed to international application No. PCT/ to Rule 26ter).	(if furnishing declaration pursuant
I hereby declare that my residence, mailing address, and citizenship	are as stated next to my name.
I hereby state that I have reviewed and understand the contents of the of said application. I have identified in the request of said application, and I have identified below, under the heading "Prior Applications," Organization, day, month and year of filing, any application for a pater States of America, including any PCT international application designs having a filing date before that of the application on which foreign p	in compliance with PCT Rule 4.10, any claim to foreign priority, by application number, country or Member of the World Trade at or inventor's certificate filed in a country other than the United ating at least one country other than the United States of America, priority is claimed.
Prior Applications:	
I hereby acknowledge the duty to disclose information that is a 37 C.F.R. § 1.56, including for continuation-in-part applications, mate of the prior application and the PCT international filing date of the continuation.	erial information which became available between the filing date
I hereby declare that all statements made herein of my own knowledg are believed to be true; and further that these statements were made made are punishable by fine or imprisonment, or both, under Section false statements may jeopardize the validity of the application or any	with the knowledge that willful false statements and the like so 1001 of Title 18 of the United States Code and that such willful
Name: Brunner, Karlheinz	
Residence: Germany (city and either US state, if applicable, or country)	
Mailing Address: Gutenbergallee 19	
Citizenship: German	
Inventor's Signature:	Date:
Name:	
(city and either US state, if applicable, or country)	
Mailing Address: Schüttenhelmweg 60	
Citizenship: German	
Inventor's Signature:	Date:

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

Sheet	No.				7		
JUECE	110.	•	•	•	-	•	

EPTIONS TO LACK OF NOVELTY ON: NON-PREJUDICIAL DISCLOSURES OR

The declaration must conform to the standardized wording provided for in Section 215; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general)

eclaration as to non-prejudicial disclosures or excep	not used, this sheet should not be included in the request. ptions to lack of novelty (Rules 4.17(v) and 51bis.1(a)(v)):	
Continuation of Box No.: VIII(iv)		
Ricker Rainer, Germany Gotenweg 8 D-63128 Dietzenbach German		
Inventor's Signature	Date	
Kaske, Corinna Germany Am Friedrichsberg 29a D-63639 Flörsbachtal German		
Inventor's Signature	Date	
Kilian, Dirk Germany Vogelwaidstrasse 5 D-63477 Maintal German		
Inventor's Signature	Date	
	wing sheet, "Continuation of Box No. VIII (v)".	

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Sheet No.			٠	

Number
Number of items : A : A ::::::
or solution of the contract of